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The aspects of control, access, duration of storage and use are less clear. It is necessary to develop a body of evidence and practice experience, which may guide rational and ethical collaboration between institutions. As Muthuswamy¹³ has suggested, collaboration between two institutions should ensure that the benefits of partnership go beyond people, and also beyond communities. We suggest that in multicountry research projects entailing the collection of human specimens, the following should be discussed and resolved before a study is conducted:

- Access and control of the specimens
- Which laboratory and other tests should be carried out locally and which ones abroad
- Future use of the specimens for research or at least a mechanism for discussion and resolution should the need
- Agreement on the distribution of benefits should the research result in such gains

We suggest that not considering these points is irresponsible and may also be construed as unethical.

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REFERENCES

- Ministry of Health and Population. Malawi fourth national health plan 1999– 2004. Lilongwe, Malawi: Ministry of Health and Population, 1999.
 Fenton PM, Whitty CJM, Reynolds F. Caesarian section in Malawi: prospective
- study of early maternal and perinatal mortality. BM J 2003;327:587
- 3 Muula AS, Phiri A. Did maternal mortality ratio increase in Malawi between
 1998-1998: review of Malawi Demographic and Health Survey and other data sources. Trop Doc 2003;33:182-5.
- 4 Muula AS. Éthical and programmatic challenges in antiretroviral scaling-up in Malawi: challenges in meeting the World Health Organization's "treating 3 million by 2005" initiative goals. Croat Med J 2004;45:415–21.
 National Statistical Office (Malawi). Malawi Demographic and Health Survey 2000. Zombo, Malawi: National Statistical Office, 2001.
- 6 Stirrat GM, Gill R. Autonomy in medical ethics after O'Niell. J Med Ethics 2005:31:127-30
- 7 Glynn JR, Ponnighaus J, Crampin AC, et al. The development of the HIV epidemic in Karonga District, Malawi. AIDS 2001;15:2025–9.
- 8 Seeff LB, Miller RN, Rabkin CS, et al. 45-Year follow-up of hepatitis C virus infection in healthy young adults. *Arch Intern Med* 2000;132:105–11.

 9 Denny FW, Wannamaker LW, Brink WR, *et al.* Prevention of rheumatic fever
- treatment of preceding streptococcal infections in the United States Navy. JAMA 1950;143:151-3.
- 10 Choo QL, Kuo G, Weiner AJ, et al. Isolation of a c DNA clone derived from a blood borne non-A, non-B viral hepatist genome. *Science* 1989;**244**:359–62.

 11 **MacQueen KM**, McLellan E, Metzger DS, *et al.* What is community? An
- evidence-based definition for participatory public health. Am J Public Health 2001:91:1929-38.
- 12 Mc Cabe M, Morgan F, Curley H, et al. The informed consent process in a cross-cultural setting: is the process achieving the intended result? Ethn Dis
- 13 Muthuswamy V. Ethical issues in HIV/AIDS research. Ind J Med Res 2005;129:601-10.

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